

D1 count  
cutting/grinding workability, and grinding accuracy of a molded body obtained from the hydraulic composition.--

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Amend claim 8 as follows:

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--8. (thrice amended) A method for producing a paper feed roller, comprising the steps of:

D2  
forming a plurality of cylindrical molded bodies by press molding a mixture of a hydraulic composition comprising a hydraulic powder and a non-hydraulic powder and a workability improver, each of the cylindrical molded bodies having a hole at a central portion through molding the hydraulic composition, releasing, curing and hardening the molded bodies, inserting a rotary shaft through the holes of the plurality of cylindrical molded bodies, and

connecting adjacent said cylindrical molded bodies, and thereby integrally forming a cylindrical roller portion around an outer peripheral surface of the rotary shaft;

wherein the workability improver is a material that has a property of improving moldability, mold-releasability, cutting/grinding workability, and grinding accuracy of the molded bodies.--

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Amend claim 10 as follows:

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D3  
--10. (thrice amended) A method for producing a paper feed roller, comprising the steps of:

forming a plurality of cylindrical green press molded bodies each having a hole at a central portion by press molding a

mixture of a hydraulic composition comprising a hydraulic powder and a non-hydraulic powder and a workability improver,

releasing the green press molded bodies,

inserting a rotary shaft through the holes of the plurality of the cylindrical green press molded bodies,

connecting adjacent said cylindrical green press molded bodies, and

forming a cylindrical shaped body through curing and hardening the connected cylindrical green press molded bodies, so as to integrally form a cylindrical roller portion around an outer peripheral surface of the rotary shaft;

wherein the workability improver is a material that has a property of improving moldability, mold-releasability, cutting/grinding workability, and grinding accuracy of the green molded bodies.--

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Amend claim 12 as follows:

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--12. (thrice amended) A method for producing a paper feed roller, comprising the steps of:

forming a cylindrical roller portion from a cylindrical press molded body shaped through press molding a mixture of a hydraulic composition comprising a hydraulic powder and a non-hydraulic powder and a workability improver,

releasing, curing and hardening the press molded body,

arranging two rotary shaft portions to be concentric with an outer peripheral surface of the cylindrical roller portion, and

attaching the two rotary shaft portions to opposite end portions of the cylindrical roller portion, the two rotary shaft portions being aligned with each other, so as to form a rotary shaft by the two rotary shaft portions;

wherein the workability improver is a material that has a property of improving moldability, mold-releasability, cutting/grinding workability, and grinding accuracy of the press molded body.--

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Amend claim 18 as follows:

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--18. (thrice amended) A method for producing a paper feed roller, comprising the steps of:

press molding a mixture of a hydraulic composition comprising a hydraulic powder and a non-hydraulic powder and a workability improver to produce cylindrical green press molded bodies,

releasing the cylindrical green press molded bodies, forming a cylindrical roller portion from the cylindrical green press molded bodies,

arranging two rotary shaft portions to be concentric with an outer peripheral surface of the cylindrical roller portion, and

attaching the two rotary shaft portions to opposite end portions of the cylindrical roller portion, the two rotary shaft portions being aligned with each other, so as to form a rotary shaft by the two rotary shaft portions, and